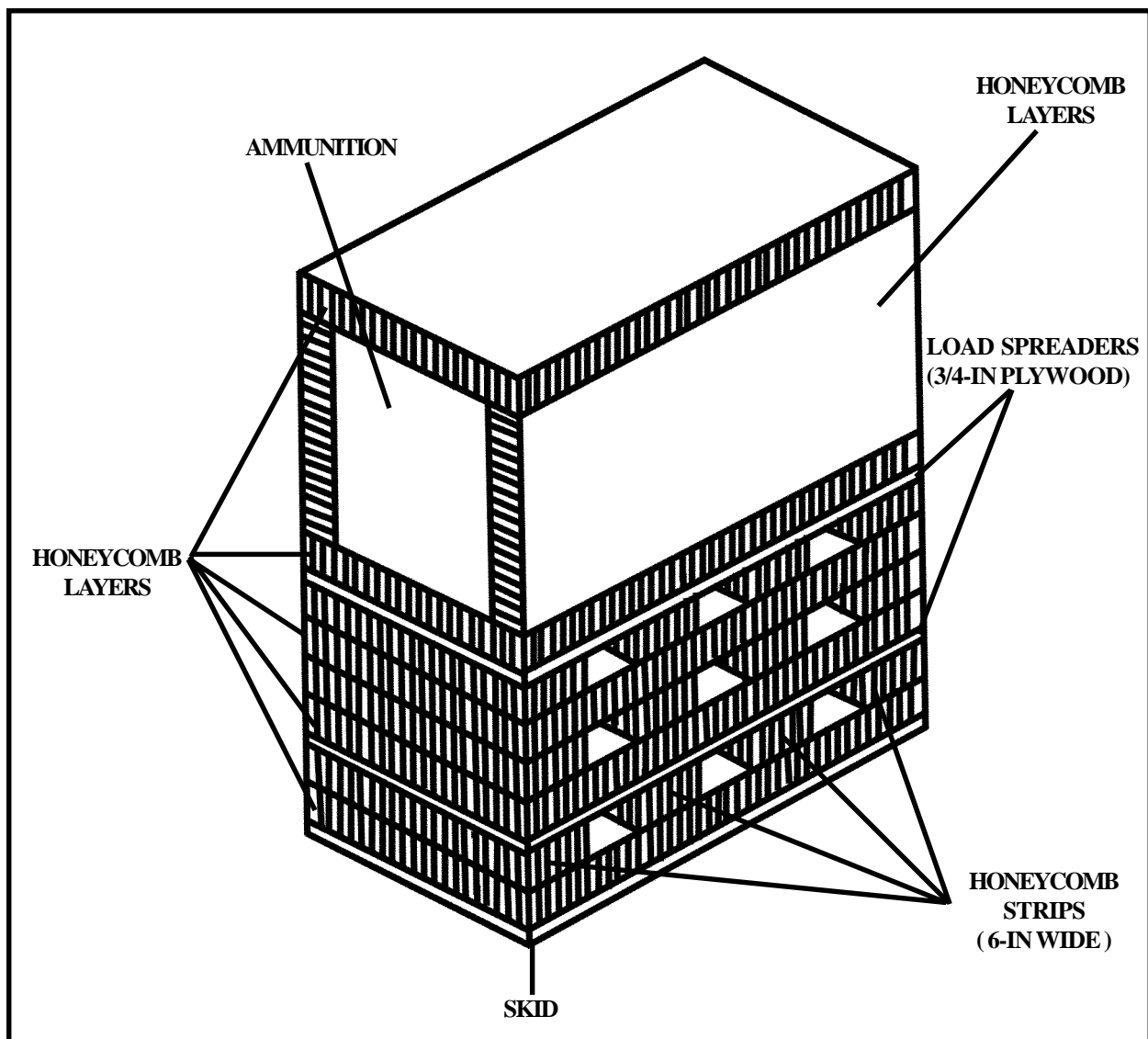


Figure 3-48. Ammunition layout in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop



The following ammunition items are rigged in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop as shown in Figure 3-48.1.

60-Millimeter Ammunition

Cartridge, 60-mm, HE, M720E1 with M734A1 Fuze (DODAC 1310-B642)

Figure 3-48.1. Ammunition layout in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop

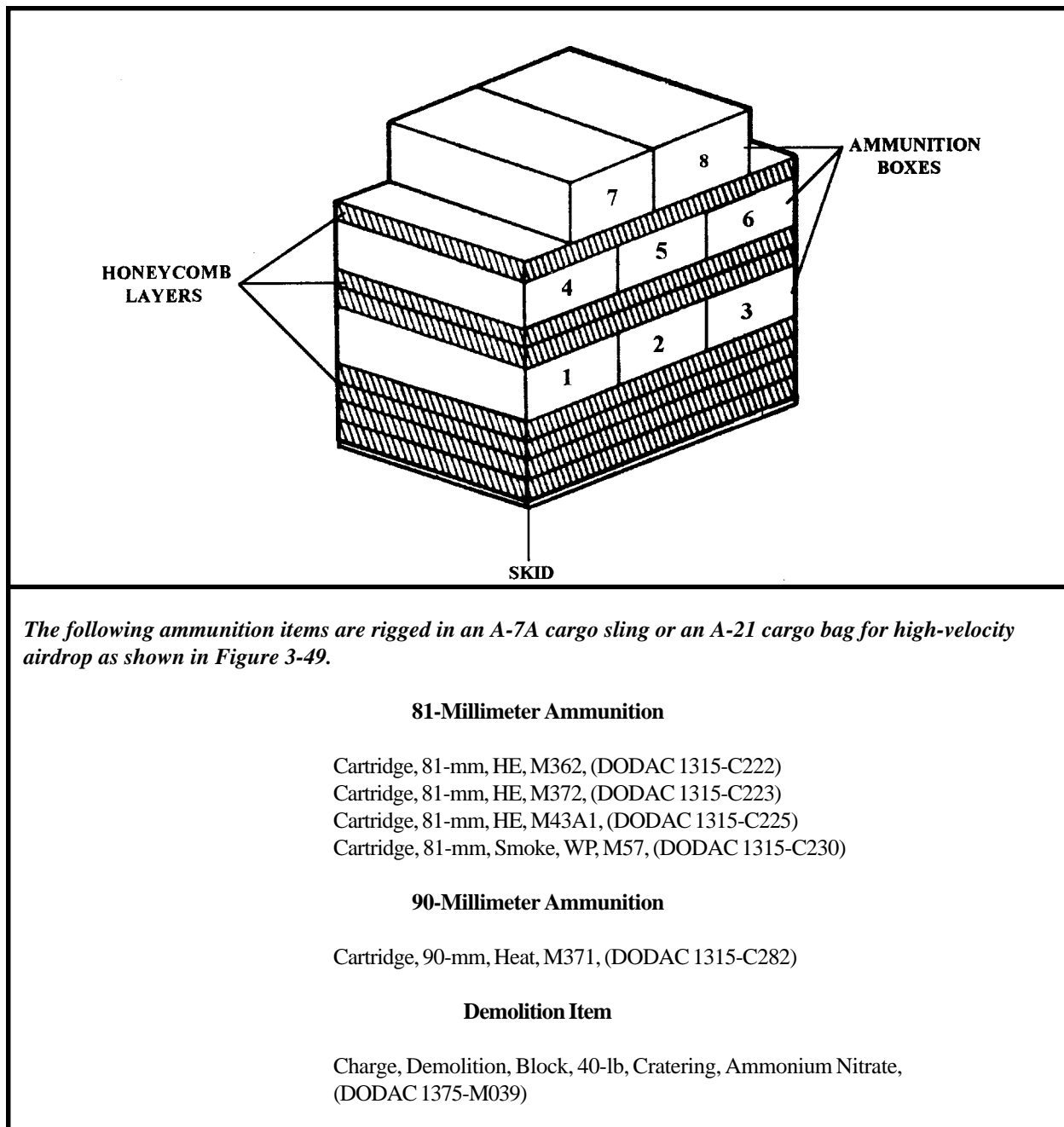
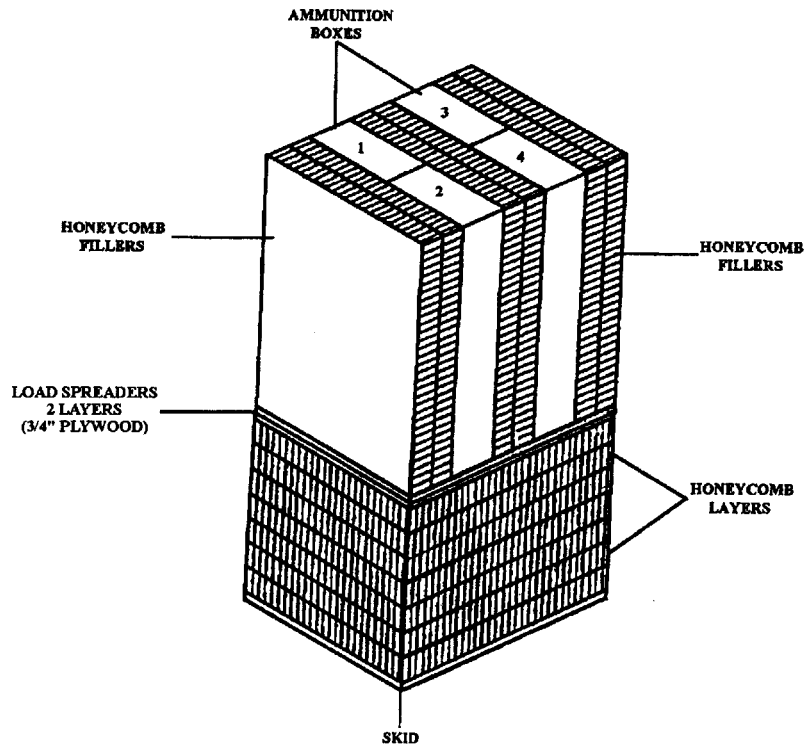


Figure 3-49. Ammunition layout in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop



The following ammunition items are rigged in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop as shown in Figure 3-52.

120-Millimeter Ammunition

Cartridge, 120-mm, HE, M934 with or w/o Fuze M734A1 (DODAC 1315-C379)
 Cartridge, 120-mm, HE, M933 with or w/o Fuze M734A1 (DODAC 1315-C623)
 Cartridge, 120-mm, M929, Smoke, WP, w/ Fuze M745 or M734A1 (DODAC 1315-C624)

Figure 3-52. Ammunition layout in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop

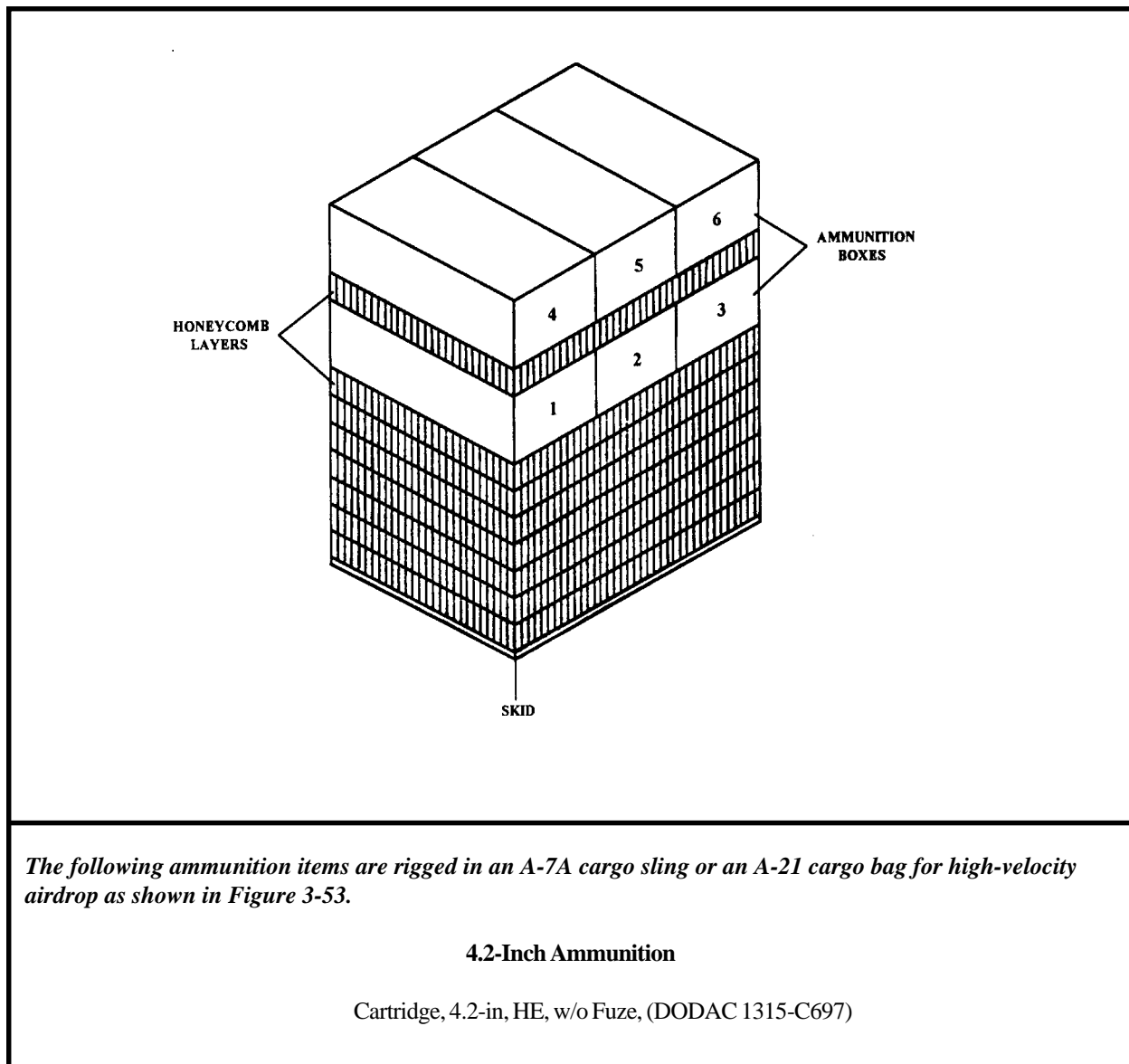


Figure 3-53. Ammunition layout in an A-7A cargo sling or an A-21 cargo bag high low-velocity airdrop

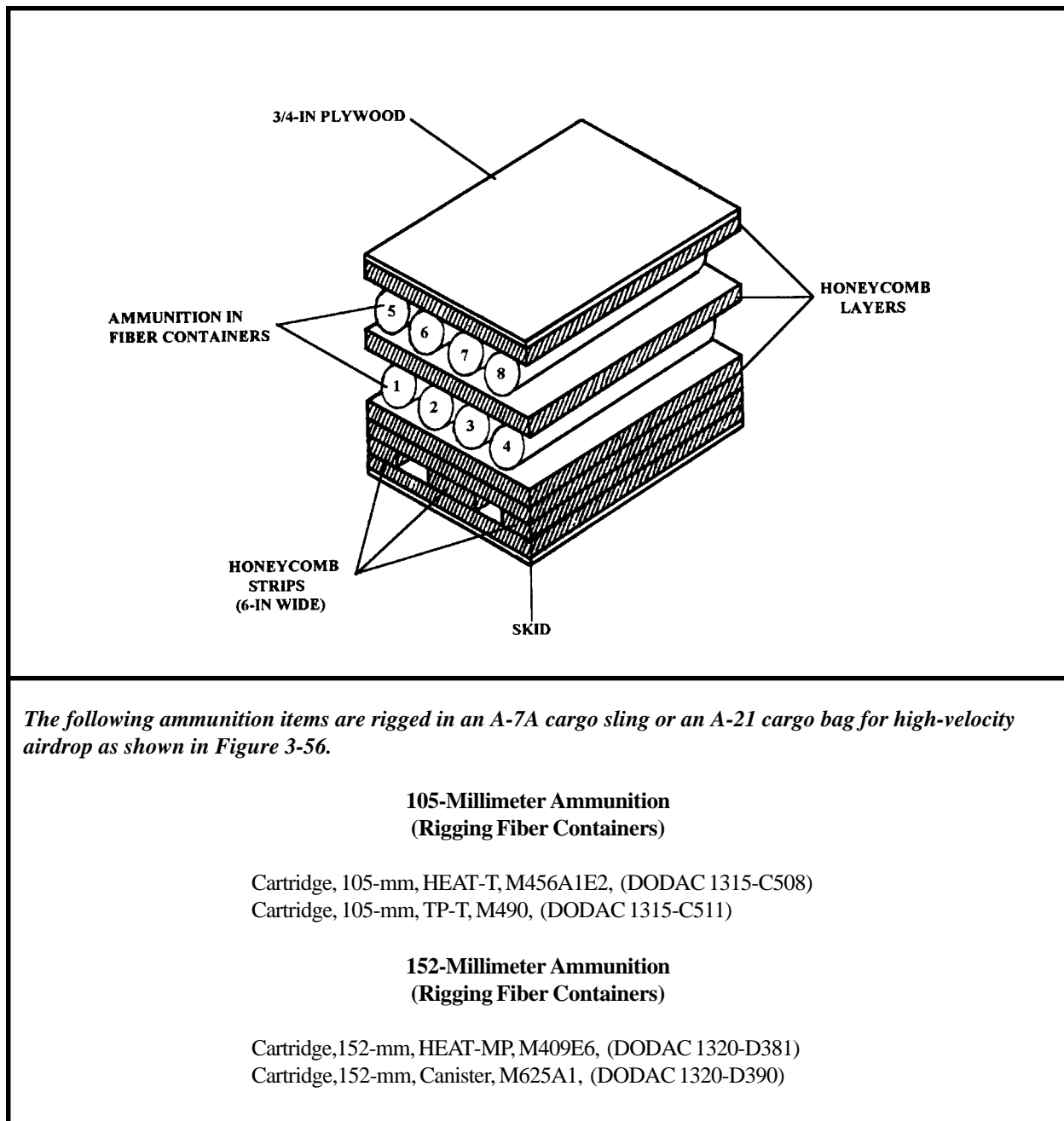
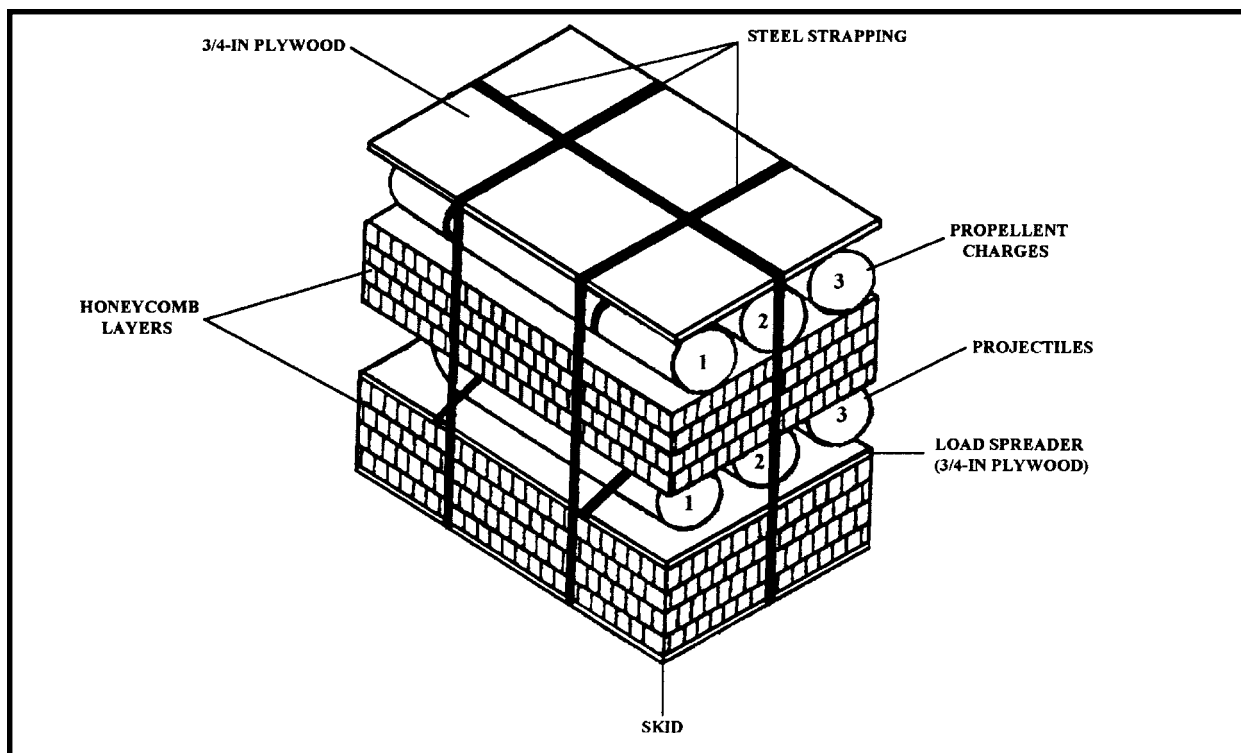


Figure 3-56. Ammunition layout in an A-7A cargo sling or an A-21 cargo bag high low-velocity airdrop



The following ammunition items are rigged in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop as shown in Figure 3-57.

155-Millimeter Ammunition

Cartridge, Propelling, 155-mm, M19, (DODAC 1320-D480)
 Projectile, 155-mm, Gas, Persistent, HD, M104, (DODAC 1320-D484)
 Projectile, 155-mm, HE, M101, (DODAC 1320-D485)
 Projectile, 155-mm, Smoke, WP, M104, (DODAC 1320-D487)
 Reducer, Flash, Propelling Charge, M1, (DODAC 1320-D490)
 Projectile, 155-mm, HE, ADAM, M692, (DODAC 1320-D501)
 Projectile, 155-mm, HE, ADAM, M731, (DODAC 1320-D502)
 Projectile, 155-mm, AT, RAAMS, M718, (DODAC 1320-D503)
 Projectile, 155-mm, Illuminating, M485A2, (DODAC 1320-D505)
 Projectile, 155-mm, HC, HE, M116E2, (DODAC 1320-D506)
 Projectile, 155-mm, AT, RAAMS, M741, (DODAC 1320-D509)
 Projectile, 155-mm, HE, RAAM-L, M718A1, (DODAC 1320-D515)
 Projectile, 155-mm, Smoke, WP, M825, (DODAC 1320-D528)
 Projectile, 155-mm, M795, (DODAC 1320-D529)
 *Charge, Propelling, 155-mm, M203A1, (DODAC 1320-D532)
 *Charge, Propelling, 155-mm, M119A1 and M119A2, (DODAC 1320-D533)
 *Charge, Propelling, 155-mm, M3 and M3A1, (DODAC 1320-D540)

Figure 3-57. Ammunition layout in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop

155-Millimeter Ammunition

*Charge, Propelling, 155-mm, M4A1 and M4A2, (DODAC 1320-D541)
Projectile, 155-mm, HE, M107, (DODAC 1320-D544)
Projectile, 155-mm, Smoke, HC, BE, M116, (DODAC 1320-D548)
*Projectile, 155-mm, Smoke, WP, M110, (DODAC 1320-D550)
Reducer, Flash, Propelling Charge, M2, (DODAC 1320-D552)
Dummy, Projectile, 155-mm, M7, (DODAC 1320-D553)
Projectile, 155-mm, HE, M449A1, (DODAC 1320-D562)
Projectile, 155-mm, HE, M483A1, (DODAC 1320-D563)
Projectile, 155-mm, HE, RA, M549, (DODAC 1320-D579)
Fuze, Delay, Mod 1, PD, Mk399, (DODAC 1390-N659)

Note: The required fuzes and primers may be rigged as part of the load;
however, only those fuzes and primers listed in Table 1-3 are authorized
to be airdropped.

*The old and new type propelling charge container may be rigged.

*Figure 3-57. Ammunition layout in an A-7A cargo sling or an A-21 cargo bag for low-velocity airdrop
(continued)*

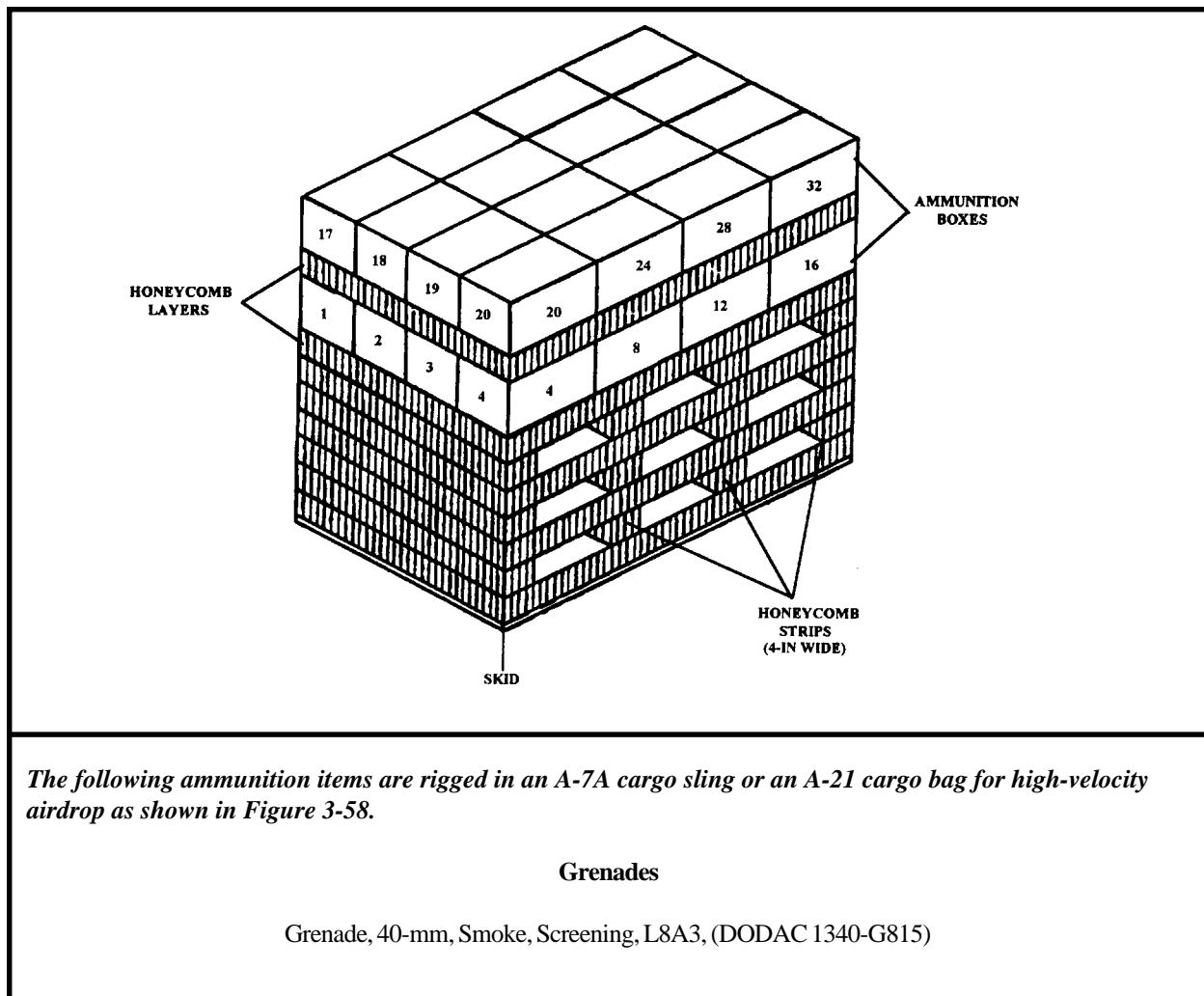
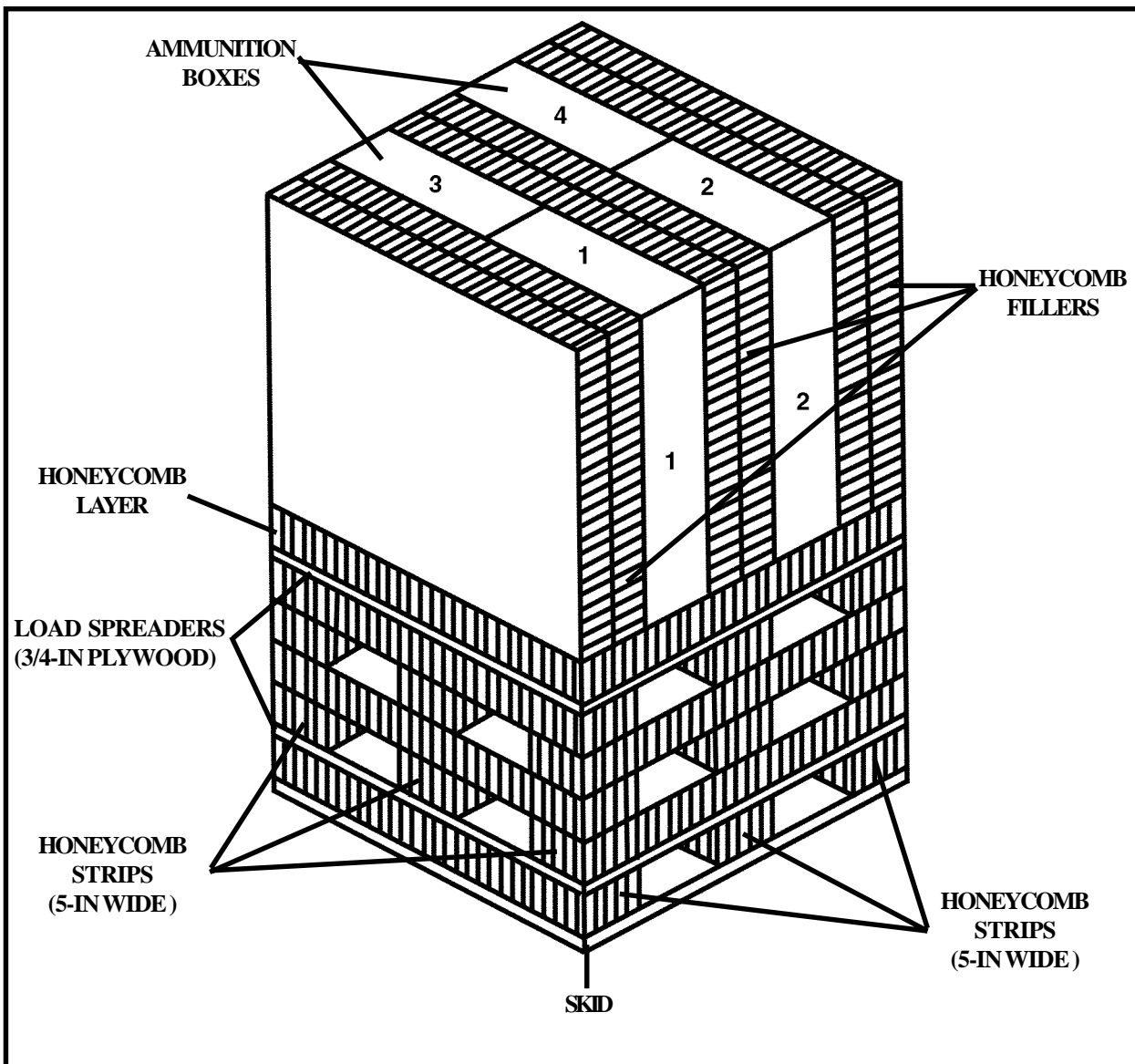


Figure 3-58. Ammunition layout in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop



The following ammunition items are rigged in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop as shown in Figure 3-72.

81-Millimeter Ammunition

Cartridge, 81-mm, HE, M821A1, with Fuze M734A1, (DODAC 1315-C868)

Cartridge, 81-mm, HE, M889A1, (DODAC 1315-C869)

Figure 3-72. Ammunition layout in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop

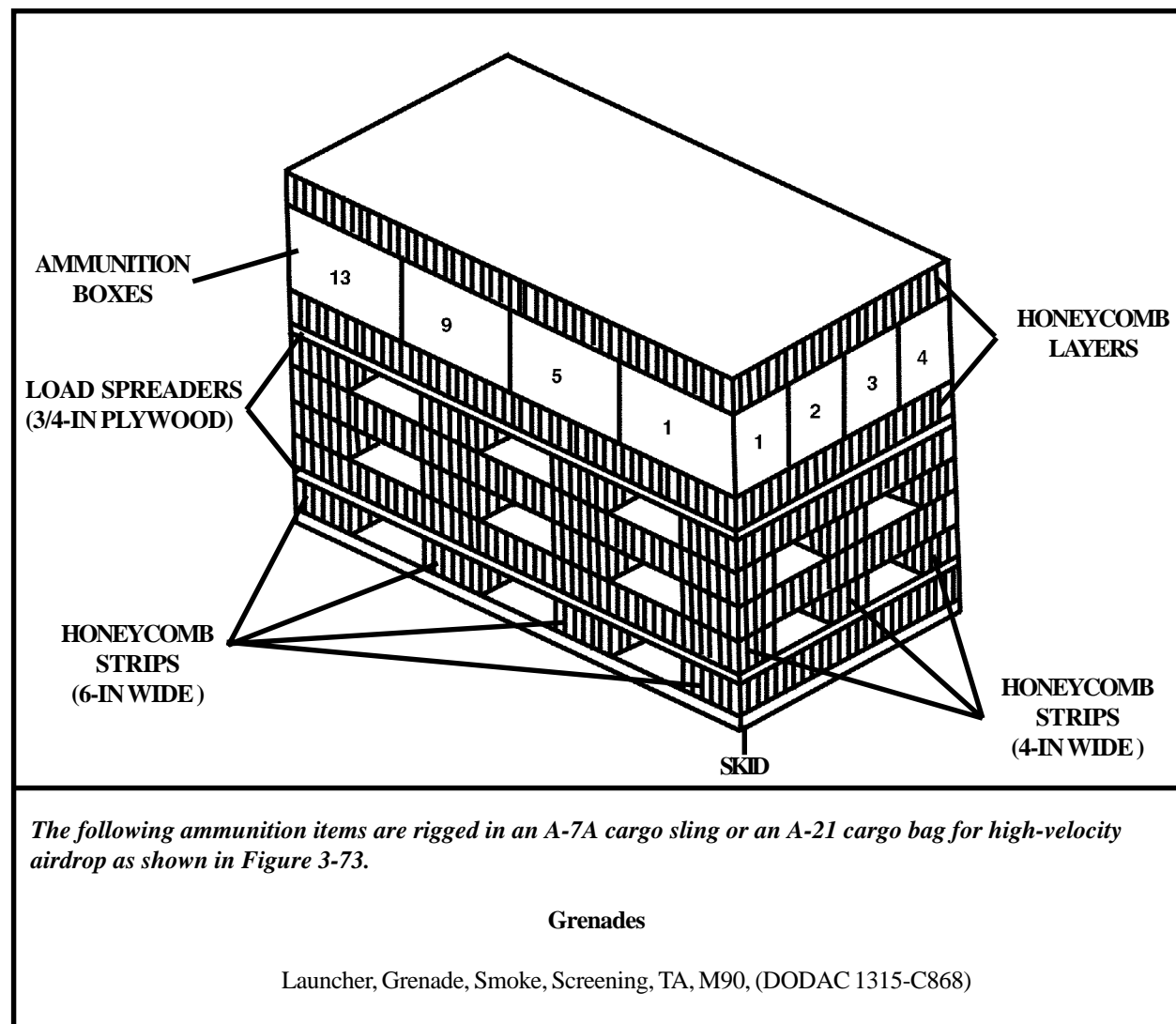
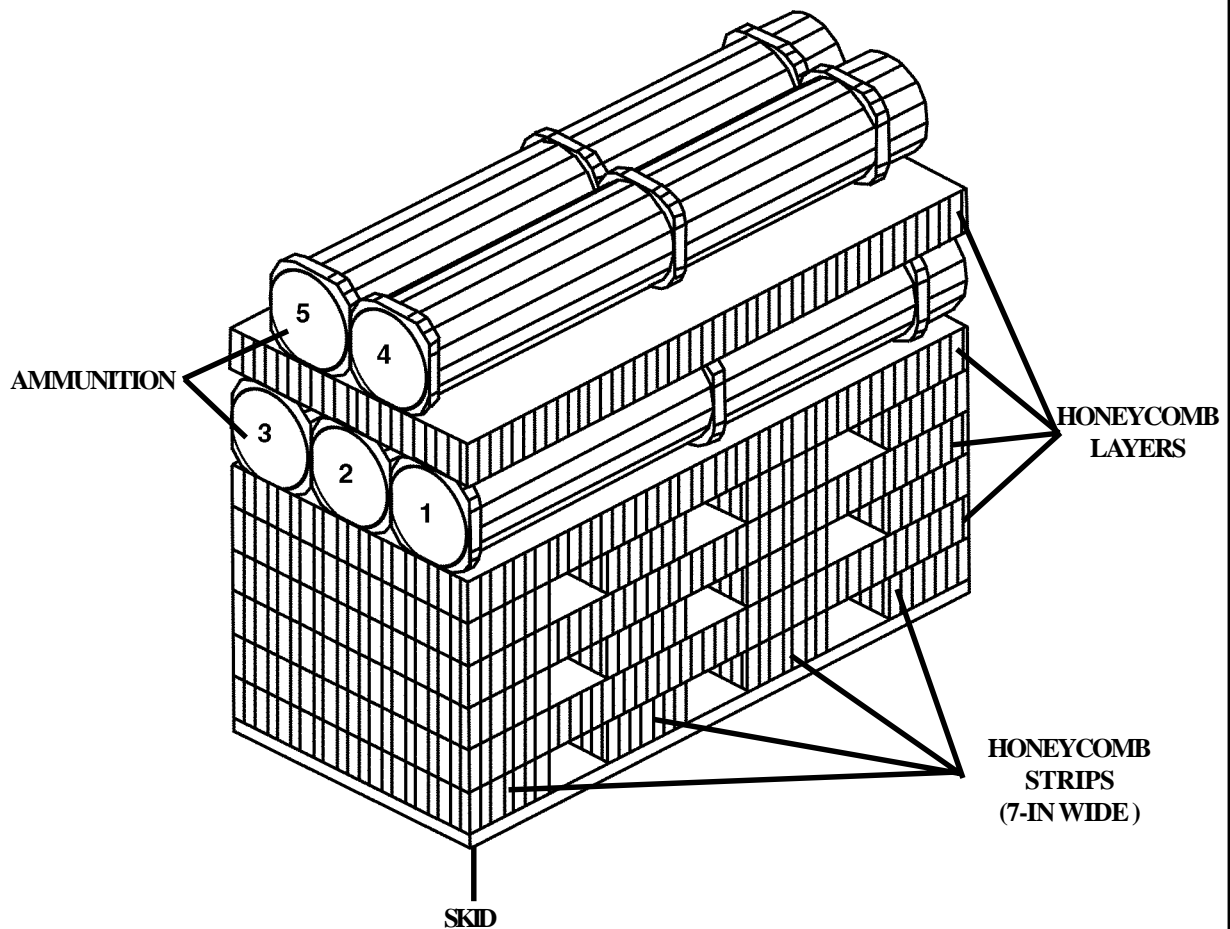


Figure 3-73. Ammunition layout in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop

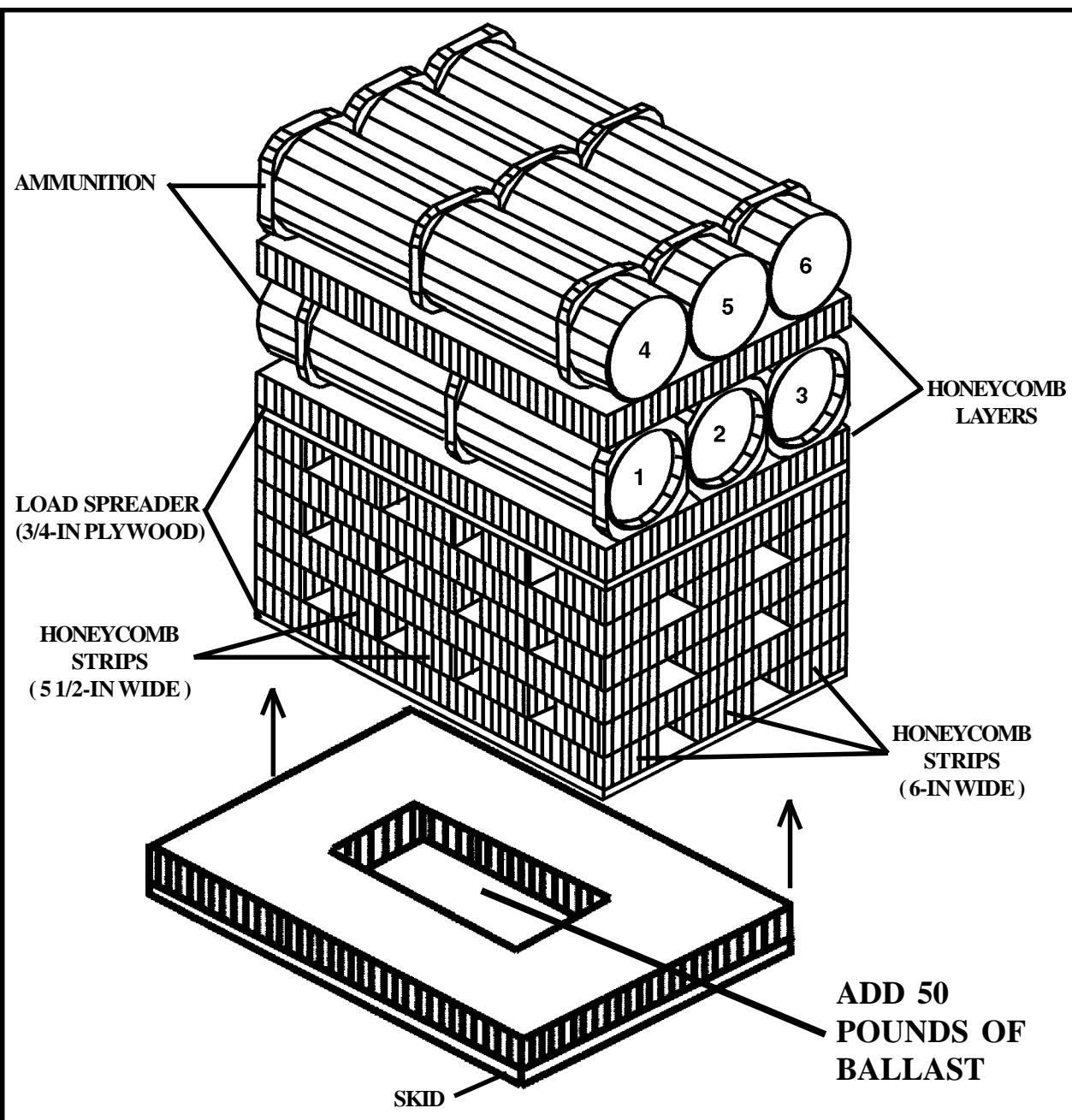


The following ammunition items are rigged in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop as shown in Figure 3-74.

105-Millimeter Ammunition

Cartridge, 105-mm, HERA, M913 in PA117 Containers, (DODAC 1315-C546)

Figure 3-74. Ammunition layout in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop

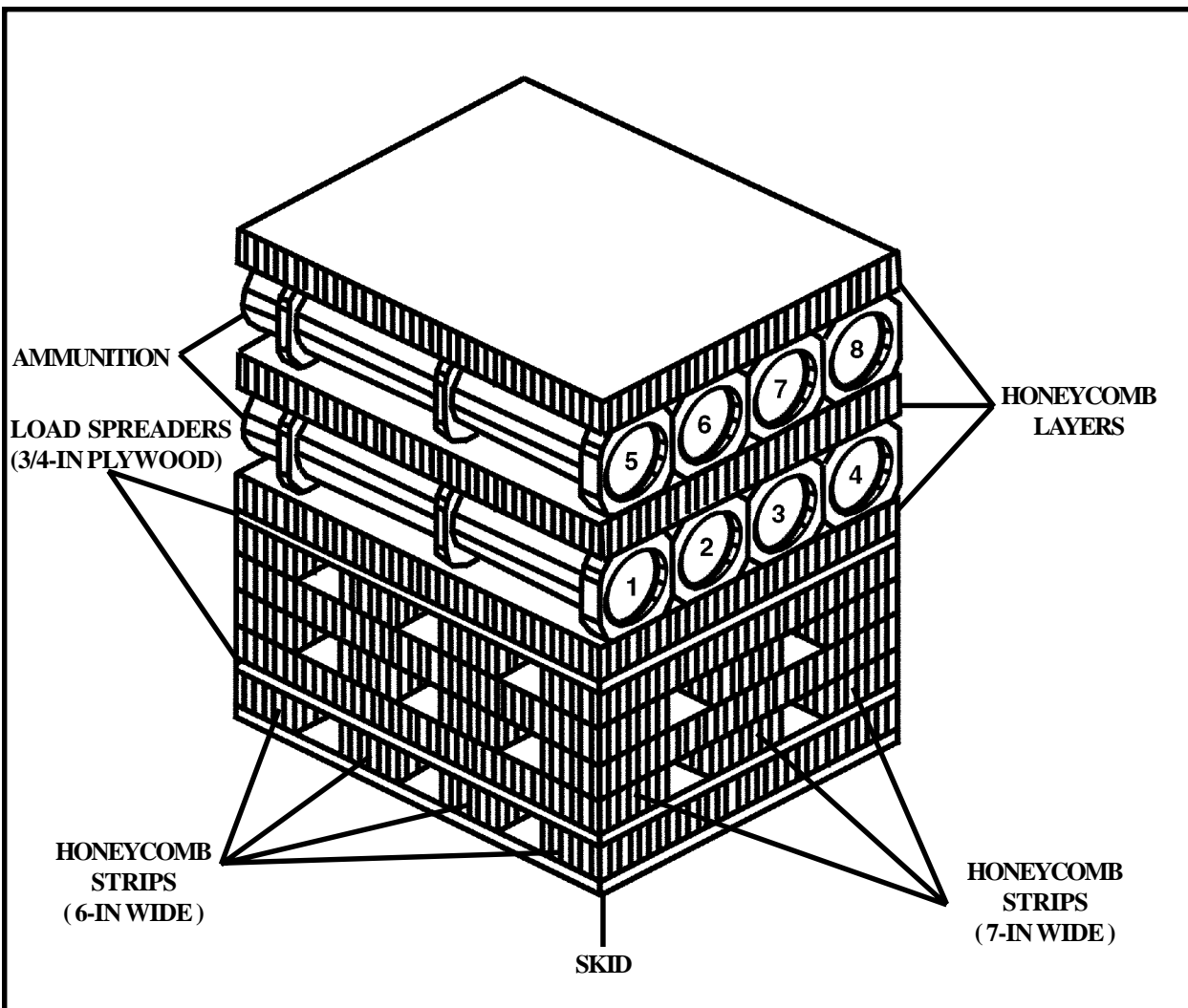


The following ammunition items are rigged in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop as shown in Figure 3-75.

Rockets

Rocket, 83-mm, HEDP, BDM, (DODAC 1340-HA08)

Figure 3-75. Ammunition layout in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop



The following ammunition items are rigged in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop as shown in Figure 3-76.

Demolition Item

Demolition Kit, Fighting Position Excavator, M300, (DODAC 1340-HA08)

Figure 3-76. Ammunition layout in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop

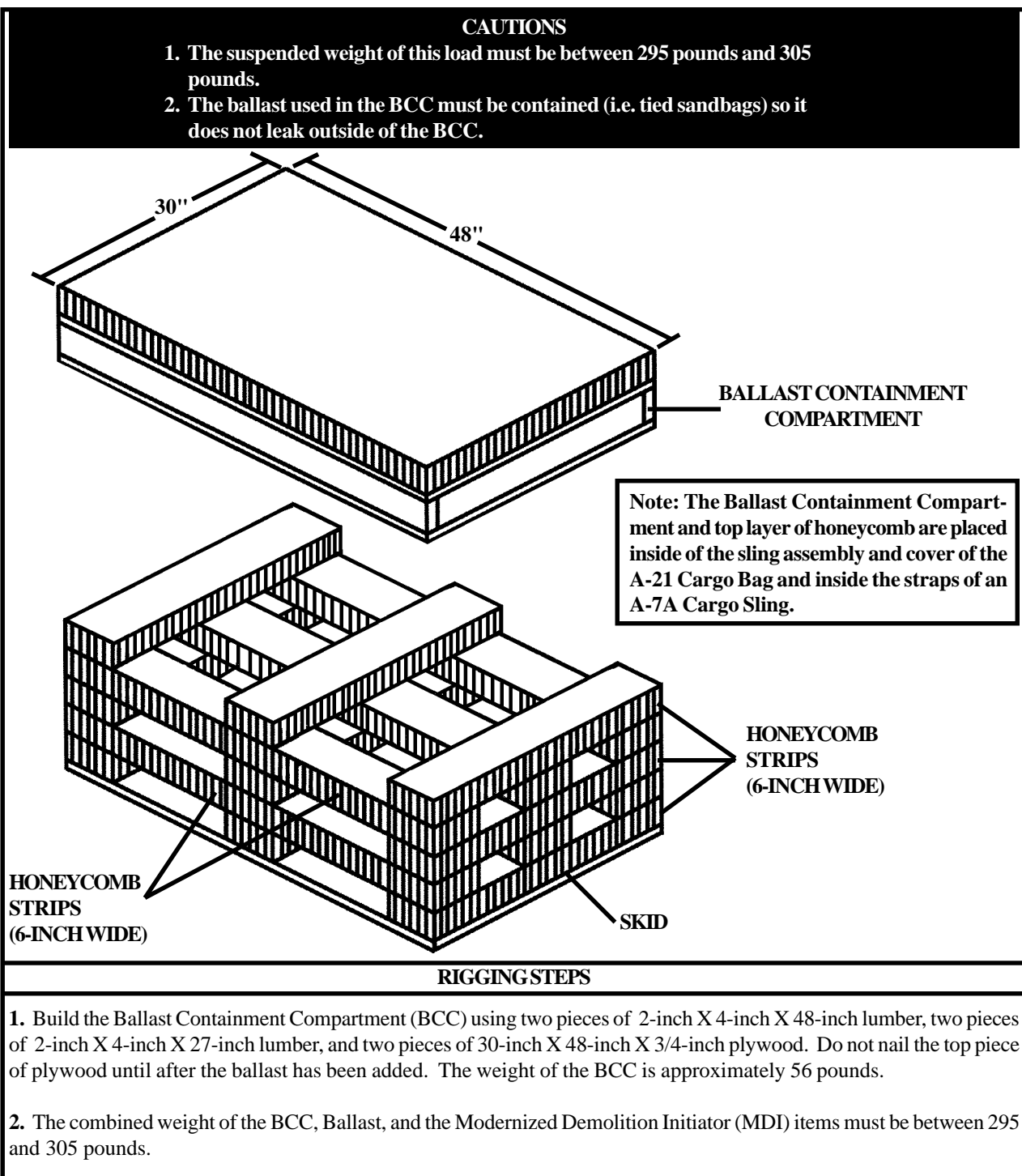


Figure 3-77. Honeycomb stack and rigging steps for MDI munitions in an A-7A cargo sling or an A-21 cargo bag for high velocity airdrop

3. Weigh the MDI items, add 56 pounds (weight of the BCC), subtract this sum from 300. This figure is the amount of ballast weight that must be added in the BCC. Evenly distribute the ballast in the BCC and fill all empty spaces with honeycomb so the ballast does not move. Nail the top on the BCC.

4. Prepare and position the load on the honeycomb stack shown above in accordance with FM 10-500-3, Chapter 4, Section III and Chapter 6, Section III. The following restrictions apply:

- a. The containers (wooden crates) may be broken down into smaller packaging units.
 - (1) Individual corrugated cardboard boxes.
 - (2) Individual foil wrapped items.
 - (3) MDI items maybe rigged for airdrop up to their smallest unit of packaging.
- b. MDI items in their smallest unit of packaging must be encased in a honeycomb bin. See Appendix B for fabrication of honeycomb bins.
- c. No container may be rigged on top of a honeycomb bin except another honeycomb bin.
- d. Only honeycomb bins and corrugated cardboard boxes may be rigged on top of corrugated cardboard boxes.
- e. Wooden crates can only be stacked on top of other wooden crates.
- f. Corrugated cardboard boxes containing spools of shock tubing (M12, M13) must be positioned so the spools are lying flat on their base.

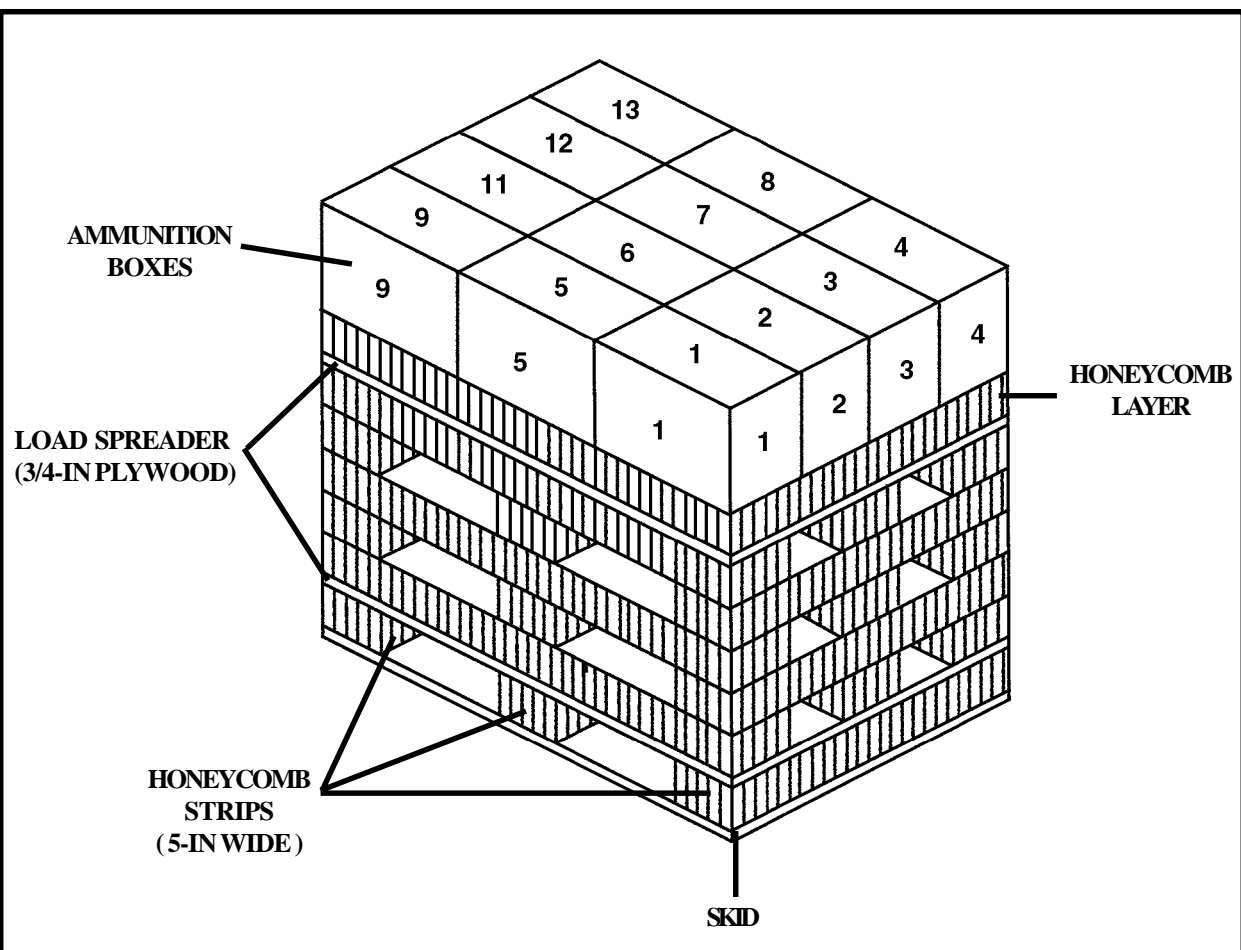
5. Center the load on the A-22 container. Place honeycomb on all four sides of the bundle and secure the honeycomb with Type III nylon cord. Place a piece of honeycomb over the top of the load and position a piece of 3/4-inch plywood on top of the honeycomb. Close and secure the A-22 container.

The following munition items are rigged in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop as shown in Figure 3-77.

Modernized Demolition Initiators

Holder, Blasting Cap, M9, (DODAC 1375-ML45)
 Cap, Blasting, Nonelectric, 30 foot Shock Tube, M11 (1.4B), (DODAC 1375-ML47)
 Cap, Blasting, Nonelectric, 500 foot Shock Tube, M12 (1.4S), (DODAC 1375-MN02)
 Cap, Blasting, Nonelectric, 1000 foot Shock Tube, M13 (1.4S), (DODAC 1375-MN03)
 Cap, Blasting, Nonelectric, Delay, M14 (1.4S), (DODAC 1375-MN06)
 Cap, Blasting, Nonelectric, Delay, M15, (DODAC 1375-MN07)
 Ignitor, Time Blasting Fuze, M81, with Shock Tube Capability (1.4S), (DODAC 1375-MN08)

Figure 3-77. Honeycomb stack and rigging steps for MDI munitions in an A-7A cargo sling or an A-21 cargo bag for high velocity airdrop (continued)

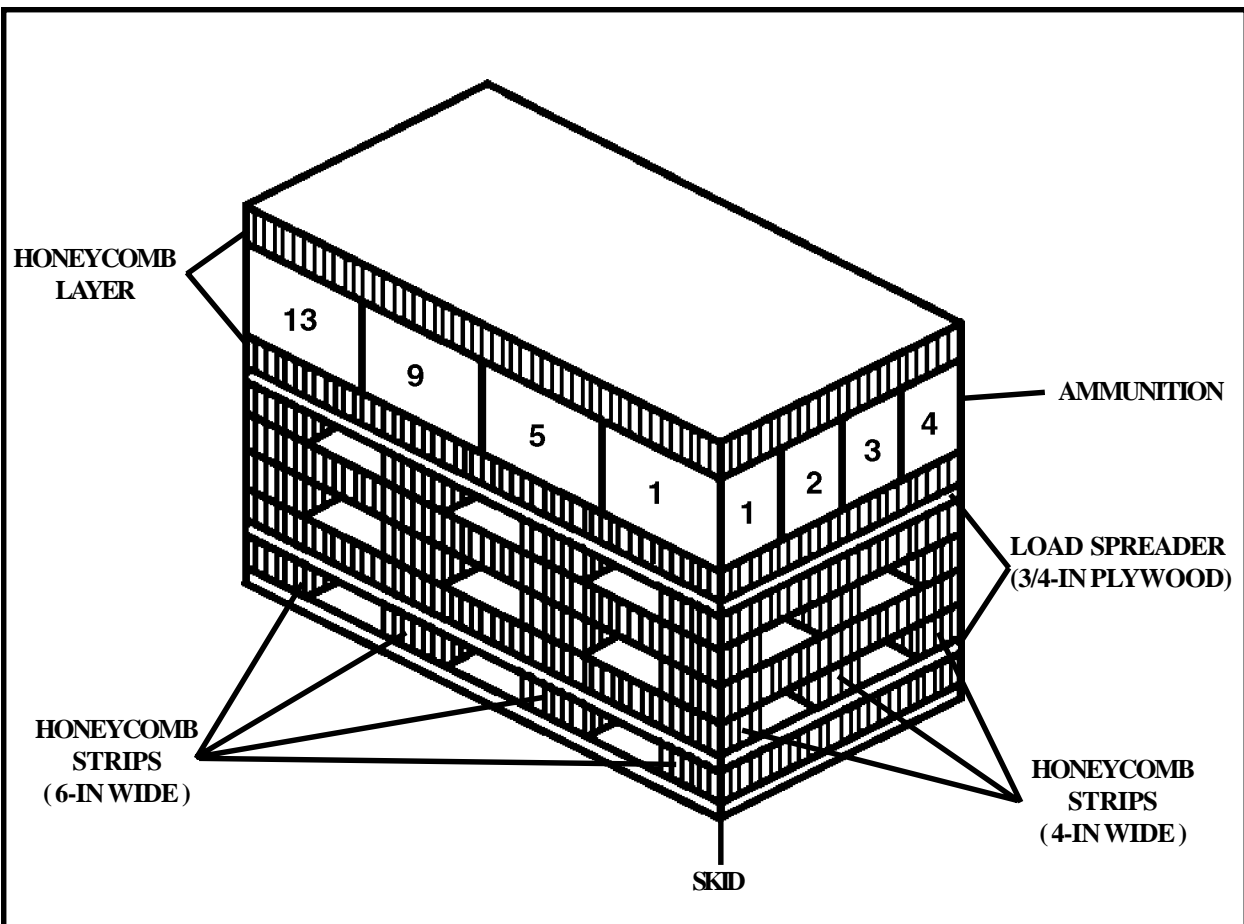


The following ammunition items are rigged in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop as shown in Figure 3-78.

155-Millimeter Ammunition

Fuze, Delay, Mod 1, PD, Mk399, (DODAC 1390-N659)

Figure 3-78. Ammunition layout in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop



The following ammunition items are rigged in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop as shown in Figure 3-79.

Grenades

Grenade, Discharger, Anti-Riot, Irritant, XL96E1, (DODAC 1330-FZ14)

Grenade, Discharger, Anti-Riot, Irritant, XL97E1, (DODAC 1330-FZ15)

Figure 3-79. Ammunition layout in an A-7A cargo sling or an A-21 cargo bag for high-velocity airdrop